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ARIZONA CORPORATION COMMISSION

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August 6, 2009

The Honorable Steven Chu
Secretary of Energy
United States Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

Dear Mr. Secretary:

I am writing to express my support for the full consideration of the loan guarantee applications submitted to the Department of Energy by Tessera Solar, which plans to build four utility-scale solar power plants in California, Texas and Arizona using Stirling Energy Systems' SunCatcher Power System developed at Sandia National Laboratories.

Stirling Energy Systems' is headquartered in Scottsdale, Arizona, and is developing a pilot project in Maricopa County, Arizona with its partner, Tessera Solar. As a Chair of the Arizona Corporation Commission, I believe our state will directly benefit from the economic development associated with the growth of Stirling Energy Systems'.

Tessera Solar's use of Stirling Energy Systems' SunCatcher Power System has brought hundreds of jobs to Arizona at a time when they are most needed. For this reason alone, I strongly support this application and encourage the Department of Energy to award Tessera Solar the loan guarantee.

The American Recovery and Reinvestment Act included a temporary loan program for renewable energy projects that could provide up to \$80 billion in federal loan guarantees that can be rapidly deployed. Congress provided this funding in order to create jobs, and encourage the deployment of emerging technologies that reduce greenhouse gas emissions and enhance our nation's energy security.

The use of Stirling Energy System's SunCatcher Power System means that the equipment being used to build Tessera Solar's projects will be manufactured in North America by Tier 1 automotive equipment companies. I understand that this is a first of its kind partnership between a renewable energy company and automotive equipment manufacturers that can serve as an example of how the clean energy economy is helping those industries hardest hit by the current economic downturn to re-tool and grow in the 21st Century. Issuing these loan guarantees would allow the unique collaboration that created the SunCatcher Power System to continue by giving this technology the opportunity to become commercially viable.

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Tessera Solar's projects represent the kind of economic development that Arizona and the rest of the Nation so greatly need. I strongly support these projects, and am hopeful that the Department of Energy and the Federal government provide them with the support necessary to ensure they are built.

Sincerely,

A handwritten signature in black ink, appearing to read "Kris Mayes", with a stylized, flowing script.

Kris Mayes
Chairman

Cc: Commissioner Pierce
Commissioner Kennedy
Commissioner Stump
Commissioner Newman
Steve Olea
Ernest Johnson
Janice Alward
Rebecca Wilder